

REMARKS/ARGUMENTS

Claims 1-27 are canceled and claim 28 is added. Favorable consideration of the application is respectfully requested.

New claim 28 includes the subject matter of claims 8 and 11 in the parent application, Ser. No. 09/649,682. In a Final Office Action mailed on July 7, 2003 in the parent application, these claims were rejected as being unpatentable over Heimann et al. (US 6255963) in view of Kynast et al. (US 6281807).

The applicant believes that claim 28 is patentable. Claim 28 recites "receiving equipment for receiving the broadcast information, the receiving equipment having a high sensitivity in a zenithal direction and receives broadcasts from digital radio communications satellites positioned in the zenithal direction." The present disclosure discloses employing plural satellites arranged on a long elliptical orbit so that one satellite always exists at the zenithal direction. Thus, by enhancing signal reception sensitivity in the zenithal direction, signal reception efficiency can be further enhanced, and at the same time radio disturbance due to surrounding tall buildings can be reduced.

In contrast, a GPS system is based on triangulation technique. As a result it is necessary to capture plural satellites in directions other than zenithal direction, and often less than 60 degrees in elevation angle. When such GPS is used, a receiver is required to have equal signal reception sensitivity in all directions.

The applicant submits that the application is in condition for allowance. Favorable consideration is respectfully requested.

If there are any fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-1314.

Respectfully submitted,
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